

# Content Information for 10/734300

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Appln Info

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Petition Info

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Continuity/Reexam

Foreign Data

Date	Status	Code	Description
10/30/2007		C614	NEW OR ADDITIONAL DRAWING FILED
11/13/2007		FWDX	DATE FORWARDED TO EXAMINER
10/30/2007	71	A...	RESPONSE AFTER NON-FINAL ACTION
10/30/2007		XT/G	REQUEST FOR EXTENSION OF TIME - GRANTED
06/08/2007	41	MCTNF	MAIL NON-FINAL REJECTION
06/05/2007	40	CTNF	NON-FINAL REJECTION
12/15/2003		IDSC	INFORMATION DISCLOSURE STATEMENT CONSIDERED
05/18/2007		DOCK	CASE DOCKETED TO EXAMINER IN GAU
05/16/2007		DOCK	CASE DOCKETED TO EXAMINER IN GAU
04/06/2007		TI1050	TRANSFER INQUIRY TO GAU
12/07/2006		TI1050	TRANSFER INQUIRY TO GAU
08/17/2006		DOCK	CASE DOCKETED TO EXAMINER IN GAU
03/21/2006		DOCK	CASE DOCKETED TO EXAMINER IN GAU
06/13/2004		TSSCOMP	IFW TSS PROCESSING BY TECH CENTER COMPLETE
12/15/2003		RCAP	REFERENCE CAPTURE ON IDS
12/15/2003		CPTO	CLAIMS PTO
12/15/2003		RQPR	REQUEST FOR FOREIGN PRIORITY (PRIORITY PAPER)
12/15/2003		M844	INFORMATION DISCLOSURE STATEMENT (IDS) FILE
12/15/2003		WIDS	INFORMATION DISCLOSURE STATEMENT (IDS) FILE
12/15/2003		A.PE	PRELIMINARY AMENDMENT
06/13/2004	30	DOCK	CASE DOCKETED TO EXAMINER IN GAU
04/07/2004	20	WROIPE	APPLICATION RETURN FROM OIPE
04/08/2004		COMP	APPLICATION IS NOW COMPLETE
04/07/2004	18	ROIPE	APPLICATION RETURN TO OIPE
04/07/2004	20	OIPE	APPLICATION DISPATCHED FROM OIPE
04/08/2004		COMP	APPLICATION IS NOW COMPLETE

02/17/2004		L194	CLEARED BY OIPE CSR
02/17/2004		CLSS	CASE CLASSIFIED BY OIPE
01/03/2004		SCAN	IFW SCAN & PACR AUTO SECURITY REVIEW
12/15/2003	19	IEXX	INITIAL EXAM TEAM NN

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 PALM Intranet

Application Number

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**IDS Flag Clearance for Application 10734300**

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Content	Mailroom Date	Entry Number	IDS Review	Last Modified	Reviewer
WIDS	2003-12-15	12	Y <input checked="" type="checkbox"/>	2007-06-04 21:34:16.0	PDharia
<input type="button" value="Update"/>					

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
		For a typical 2 micron CMOS process at room temperature, the estimated power is less than "50" ".mu.w" per channe; lan array of such converters are used on a single chip, to provide relatively high conversion rates, while consuming low amounts of "power." Furthermore, the simple design of single slope analog-to-digital converters saves power and allows integration of a large number of these converters on a single integrated circuit, particularly when using CMOS "technology." method of analog-to-digital conversion, when a array of such converters are used on a single chip, to provide relatively high conversion rates, while consuming low amounts of "power." Furthermore, the simple design of single slope analog-to-digital converters saves power and allows integration of a large number of these converters on a single integrated circuit, particularly when using CMOS "technology."	USPAT	OR	OFF	2007/12/16 14:27
		"6987474".pn. and "FIG." same S16	USPAT	OR	OFF	2007/12/15 15:45
		display\$6 and ((digital adj analog or D/A)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/12/15 15:26
L1	1	"6,274,869".pn.	USPAT	OR	OFF	2007/12/16 14:10
L2	1	"6,274,869".pn. and CMOS and power\$6	USPAT	OR	OFF	2007/12/16 14:11
S1	23466	(digital-analog same convert\$6 or D/A) same circuit\$6	USPAT	OR	OFF	2007/12/15 12:44
S2	10922	(digital-analog same convert\$6 or D/A) same circuit\$6 and convert\$6 same digital same data same signal\$6	USPAT	OR	OFF	2007/12/15 12:45
S3	174	(digital-analog same convert\$6 or D/A) same circuit\$6 and convert\$6 same digital same data same signal\$6 and select\$6 same connect\$6 same reference\$6 same voltage\$1 same line\$1	USPAT	OR	OFF	2007/12/15 15:00

## EAST Search History

S4	255	(digital-analog same convert\$6 or D/A) same circuit\$6 and convert\$6 same digital same data same signal\$6 and select\$6 same connect\$6 same reference\$6 same voltage\$1 same line\$1	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/12/15 12:45
S5	10	(digital-analog same convert\$6 or D/A) same circuit\$6 and convert\$6 same digital same data same signal\$6 and select\$6 same connect\$6 same reference\$6 same voltage\$1 same line\$1 and select\$6 same serial\$6 same connect\$6 same analog same switch\$6	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/12/15 13:04
S6	0	(digital-analog same convert\$6 or D/A) same circuit\$6 and convert\$6 same digital same data same signal\$6 and select\$6 same connect\$6 same reference\$6 same voltage\$1 same line\$1 and select\$6 same serial\$6 same connect\$6 same analog same switch\$6 and polariz\$6 same match\$6 and logic\$6 same state\$1	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/12/15 12:47
S7	0	(digital-analog same convert\$6 or D/A) same circuit\$6 and convert\$6 same digital same data same signal\$6 and select\$6 same connect\$6 same reference\$6 same voltage\$1 and select\$6 same serial\$6 same connect\$6 same analog same switch\$6 and polariz\$6 same match\$6 and logic\$6 same state\$1	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/12/15 12:47
S8	0	(digital-analog same convert\$6 or D/A) same circuit\$6 and convert\$6 same digital same data same signal\$6 and select\$6 same connect\$6 same reference\$6 same voltage\$1 and select\$6 same serial\$6 same connect\$6 same analog same switch\$6 and (polariz\$6 and match\$6 and logic\$6 same state\$1)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/12/15 12:48
S9	4	(digital-analog same convert\$6 or D/A) same circuit\$6 and convert\$6 same digital same data same signal\$6 and connect\$6 same reference\$6 same voltage\$1 same analog same switch\$6 and (polariz\$6 and match\$6 and logic\$6 same state\$1)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/12/15 12:50

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S10	0	(digital-analog same convert\$6 or D/A) same circuit\$6 and convert\$6 same digital same data same signal\$6 and connect\$6 same reference\$6 same voltage\$1 same analog same switch\$6 and (polariz\$6 and logic\$6 same state\$1) and digital same data same signal\$6 and select\$6 same connect\$6 same reference\$6 same voltage\$1 and select same connect\$6 same column\$1 same input\$6 same pixel\$1	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/12/15 12:51
S11	4	(digital-analog same convert\$6 or D/A) same circuit\$6 and convert\$6 same digital same data same signal\$6 and connect\$6 same reference\$6 same voltage\$1 same analog same switch\$6 and (polariz\$6 and logic\$6 same state\$1) and digital same data same signal\$6 and select\$6 same connect\$6 same reference\$6 same voltage\$1	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/12/15 12:54
S12	0	(digital-analog same convert\$6 or D/A) same circuit\$6 and convert\$6 same digital same data same signal\$6 and connect\$6 same reference\$6 same voltage\$1 same analog same switch\$6 and (polariz\$6 and logic\$6 same state\$1) and digital same data same signal\$6 and select same connect\$6 same column\$1 same input\$6 same pixel\$1	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/12/15 12:52
S13	1	(digital-analog same convert\$6 or D/A) same circuit\$6 and convert\$6 same digital same data same signal\$6 and connect\$6 same reference\$6 same voltage\$1 same analog same switch\$6 and (polariz\$6 and logic\$6 same state\$1) and digital same data same signal\$6 and analog same switch\$6 same connect\$6 same column\$1 same input\$6 same pixel\$1	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/12/15 12:53
S14	1	(digital-analog same convert\$6 or D/A) same circuit\$6 and convert\$6 same digital same data same signal\$6 and connect\$6 same reference\$6 same voltage\$1 same analog same switch\$6 and (polariz\$6 and logic\$6 same state\$1) and digital same data same signal\$6 and (analog same switch\$6 same connect\$6 same column\$1 same input\$6 and pixel\$1 )	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/12/15 12:54

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S15	143	(digital-analog same convert\$6 or D/A) same circuit\$6 and convert\$6 same digital same data same signal\$6 and analog same switch\$6 same connect\$6 same reference\$6 same voltage\$1 same line\$1	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/12/15 13:05
S16	521	(digital-analog same convert\$6 or D/A) same circuit\$6 and convert\$6 same digital same data same signal\$6 and analog same switch\$6 same connect\$6 same reference\$6 same voltage\$1	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/12/15 14:42
S17	5	(digital-analog same convert\$6 or D/A) same circuit\$6 and convert\$6 same digital same data same signal\$6 and analog same switch\$6 same connect\$6 same reference\$6 same voltage\$1 and analog same switch\$6 same polariz\$6	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/12/15 13:07
S18	59	(digital-analog same convert\$6 or D/A) same circuit\$6 and convert\$6 same digital same data same signal\$6 and analog same switch\$6 same connect\$6 same reference\$6 same voltage\$1 and analog same switch\$6 same polari\$6	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/12/15 13:07
S19	28	(digital-analog same convert\$6 or D/A) same circuit\$6 and convert\$6 same digital same data same signal\$6 and analog same switch\$6 same connect\$6 same reference\$6 same voltage\$1 and analog same switch\$6 same polari\$6 same data same signal\$6	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/12/15 13:08
S20	22	(digital-analog same convert\$6 or D/A) same circuit\$6 and convert\$6 same digital same data same signal\$6 and analog same switch\$6 same connect\$6 same reference\$6 same voltage\$1 and analog same switch\$6 same polari\$6 same control\$6 same data same signal\$6	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/12/15 13:44
S21	14	(digital-analog same convert\$6 or D/A) same circuit\$6 and convert\$6 same digital same data same signal\$6 and analog same switch\$6 same connect\$6 same reference\$6 same voltage\$1 and analog same switch\$6 same polari\$6 same control\$6 same data same signal\$6 and logic\$6	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/12/15 13:44

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S22	2	(digital-analog same convert\$6 or D/A) same circuit\$6 and convert\$6 same digital same data same signal\$6 and analog same switch\$6 same connect\$6 same reference\$6 same voltage\$1 and binary same decod\$6 same logic\$6 same state\$1	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/12/15 14:43
S23	17	(digital-analog same convert\$6 or D/A) same circuit\$6 and convert\$6 same digital same data same signal\$6 and analog same switch\$6 same connect\$6 same reference\$6 same voltage\$1 and binary same logic\$6 same state\$1	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/12/15 14:47
S24	3	(digital-analog same convert\$6 or D/A) same circuit\$6 and convert\$6 same digital same data same signal\$6 and analog same switch\$6 same connect\$6 same reference\$6 same voltage\$1 and binary same counter same logic\$6 same state\$1	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/12/15 14:48
S25	137	(digital-analog same convert\$6 or D/A) same circuit\$6 and convert\$6 same digital same data same signal\$6 and select\$6 same analog same switch\$6 same connect\$6 same reference\$6 same voltage\$1	USPAT	OR	OFF	2007/12/15 15:00
S26	0	(digital-analog same convert\$6 or D/A) same circuit\$6 and convert\$6 same digital same data same signal\$6 and select\$6 same analog same switch\$6 same connect\$6 same reference\$6 same voltage\$1 and analog same switch\$6 same polariz\$6	USPAT	OR	OFF	2007/12/15 15:02
S27	11	(digital-analog same convert\$6 or D/A) same circuit\$6 and convert\$6 same digital same data same signal\$6 and select\$6 same analog same switch\$6 same connect\$6 same reference\$6 same voltage\$1 and analog same switch\$6 and polariz\$6	USPAT	OR	OFF	2007/12/15 15:01
S28	1	(digital-analog same convert\$6 or D/A) same circuit\$6 and convert\$6 same digital same data same signal\$6 and select\$6 same analog same switch\$6 same connect\$6 same reference\$6 same voltage\$1 and analog same switch\$6 same polariz\$6	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/12/15 15:02



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S29	21	(digital-analog same convert\$6 or D/A) same circuit\$6 and convert\$6 same digital same data same signal\$6 and select\$6 same analog same switch\$6 same connect\$6 same reference\$6 same voltage\$1 and analog same switch\$6 and polariz\$6	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/12/15 15:03
S30	1	(digital-analog same convert\$6 or D/A) same circuit\$6 and convert\$6 same digital same data same signal\$6 and select\$6 same analog same switch\$6 same connect\$6 same reference\$6 same voltage\$1 and analog same switch\$6 and polariz\$6 and data same signal\$6 same binary same state	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/12/15 15:04
S31	1	(digital-analog same convert\$6 or D/A) same circuit\$6 and convert\$6 same digital same data same signal\$6 and select\$6 same analog same switch\$6 same connect\$6 same reference\$6 same voltage\$1 and (analog same switch\$6 and polariz\$6 and data same signal\$6 same binary same state)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/12/15 15:04
S32	1	(digital-analog same convert\$6 or D/A) same circuit\$6 and convert\$6 same digital same data same signal\$6 and select\$6 same analog same switch\$6 same connect\$6 same reference\$6 same voltage\$1 and (analog same switch\$6 and polariz\$6 and data same signal\$6 same binary same state)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/12/15 15:05
S33	1	(digital-analog same convert\$6 or D/A) same circuit\$6 and convert\$6 same digital same data same signal\$6 and select\$6 same analog same switch\$6 same connect\$6 same reference\$6 same voltage\$1 and (switch\$6 and polariz\$6 and data same signal\$6 same binary same state)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/12/15 15:05
S34	1	(digital-analog same convert\$6 or D/A) same circuit\$6 and convert\$6 same digital same data same signal\$6 and select\$6 same analog same switch\$6 same connect\$6 same reference\$6 same voltage\$1 and (switch\$6 and polariz\$6 and data same signal\$6 and binary same state)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/12/15 15:06

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S35	130	(digital-analog same convert\$6 or D/A) same circuit\$6 and (switch\$6 and polariz\$6 and data same signal\$6 and binary same state)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/12/15 15:06
S36	82	(digital-analog same convert\$6 or D/A) same circuit\$6 and (analog same switch\$6 and polariz\$6 and data same signal\$6 and binary same state)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/12/15 15:06
S37	10	(digital-analog same convert\$6 or D/A) same circuit\$6 and (analog same switch\$6 and polariz\$6 and data same signal\$6 same binary same state)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/12/15 15:08
S38	1	(digital-analog same convert\$6 or D/A) same circuit\$6 and (analog same switch\$6 same polariz\$6 and data same signal\$6 same binary same state)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/12/15 15:09
S39	0	(digital-analog same convert\$6 or D/A) same circuit\$6 and (analog same switch\$6 same polariz\$6 same data same signal\$6 same binary same state)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/12/15 15:10
S40	0	(digital-analog same convert\$6 or D/A) same circuit\$6 and (analog same switch\$6 same polariz\$6 same data same binary same state)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/12/15 15:10
S41	0	displayS6 and ((digital adj analog or D/A) and convertS6 and circuitS6 and n adj bit and digital and data and signalS6) and ("2" adj n same stepS6) and selectS6 and connectS6) and ("2" adj n and referenceS5 and voltageS1 and lineS1) and comparat\$6	USPAT	OR	OFF	2007/12/15 15:26
S42	0	displayS6 and ((digital adj analog or D/A) and convertS6 and circuitS6 and n adj bit and digital and data and signalS6) and ("2" adj n same stepS6) and selectS6 and connectS6) and ("2" adj n and referenceS5 and voltageS1 and lineS1) and comparat\$6	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/12/15 15:26

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S43	0	display\$6 and ((digital adj analog or D/A))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/12/15 15:27
S44	5	display\$6 and ((digital adj analog or D/A) and convert\$6 and circuit\$6 and n adj bit and digital and data and signal\$6) and (("2" adj n same step\$6) and select\$6 and connect\$6) and ("2" adj n and reference\$5 and voltage\$1 and line\$1) and comparat\$6	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/12/15 15:33
S45	6	display\$6 and ((digital adj analog or D/A) and convert\$6 and circuit\$6 and n adj bit\$1 and digital and data and signal\$6) and (("2" adj n same step\$6) and select\$6 and connect\$6) and ("2" adj n and reference\$6 and voltage\$1 and line\$1) and compar\$6	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/12/15 15:34
S46	6	display\$6 and ((digital adj analog or D/A) and convert\$6 and circuit\$6 and n adj bit\$1 and digital and data and signal\$6) and (("2" adj n same step\$6) and select\$6 and connect\$6) and ("2" adj n and reference\$6 and voltage\$1 and line\$1) and compar\$9	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/12/15 15:42
S47	371	"6987474".pn. and "FIG." S16	USPAT	OR	OFF	2007/12/15 15:44
S48	0	"6987474".pn. and "FIG."	USPAT	OR	OFF	2007/12/15 15:45
S49	1	"6987474".pn.	USPAT	OR	OFF	2007/12/15 15:46
S50	1	"6987474".pn. and "16"	USPAT	OR	OFF	2007/12/15 15:46
S51	1	"6,911,926".pn.	USPAT	OR	OFF	2007/12/15 16:19
S52	1	"6,664,943".pn.	USPAT	OR	OFF	2007/12/16 10:40